

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	10/727813	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 13:53
L2	1	10/727818	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 16:14
L3	323	thermoform\$4 and headliner\$2`	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 14:27
L4	118	infrared and thermoform\$5 and (absorption absorb\$4) with wavelength\$2 and (PET polyethylene adj terephthalate\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 14:37
L5	407	infrared and (absorption absorb\$4) with wavelength\$2 same(PET polyethylene adj terephthalate\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 14:37
L6	407	infrared and (absorption absorb\$4) with wavelength\$2 same (PET polyethylene adj terephthalate\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 15:17
L7	1	insulat\$4 with plate with coolant and thermoform\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 15:19
L8	28	plate with coolant and thermoform\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 15:24
L9	1	10/727818	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 15:23
L10	4	heat adj sink\$2 same coolant and thermoform\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 15:26
L11	22	coolant with support\$2 and thermoform\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 15:37
L12	18	"2,994,514"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 15:28
L13	1864	maus	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 15:28
L14	193	("264").CLAS. and maus	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 15:29

EAST Search History

L15	15	("3956540" "4008031" "4036168" "4364878" "4438159" "4664854" "4793953" "4828769" "4836960" "4900242" "4933119" "4965028" "5093049" "5164228" "5376317").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 15:29
L16	30	("5376317").URPN.	USPAT	OR	OFF	2006/11/15 15:29
L17	27	("4008031" "4560342" "4793953" "4828769" "4900242" "4925161" "4963312" "4965028" "4994220" "5017311" "5055025" "5069840" "5093049" "5135703" "5156858" "5160466" "5192555" "5225136" "5376313" "5376317" "5399303" "5415817" "5538413" "5605707" "5762855" "5762972" "5766654").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 15:33
L18	60	coolant with (passage\$2 channel) and thermoform\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 15:40
L19	396	cool\$4 with support\$2 and thermoform\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 15:45
L20	58	("2671741" "2985939" "3302655" "3451401" "3868267" "3887392" "3990906" "3999188" "4122458" "4129875" "4158204" "4235246" "4247508" "4299239" "4420446" "4472668" "4504322" "4561902" "4575330" "4579380" "4636341" "4642653" "4665492" "4675216" "4791022" "4791434" "4818562" "4863538" "4876455" "4929402" "4935055" "4988202" "5016683" "5031483" "5053090" "5059266" "5076869" "5079974" "5121329" "5126529" "5136515" "5147587" "5189781" "5203944" "5204055" "5207371" "5278442" "5281789" "5286573" "5301415" "5301863" "5312456" "5340656" "5387380").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 15:44
L21	112	insulator\$2 same thermoform\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 16:14

EAST Search History

L22	217	(264/492).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 16:15
L23	632	(264/492,544).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 16:22
L24	5	("6695607" "6884369" "6790388" "6576162" "7135545").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 16:22
S1	7	("5108530" "5169569" "5217563" "5524419" "6010323" "6257866" "6562466").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/31 09:55
S2	240	plug adj assist\$5 and biaxial\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/31 09:59
S3	1148	thermoform\$6 and vacuum and biaxial\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/31 10:19
S4	1010	thermoform\$6 and vacuum and biaxial\$4 and (pressure pressurize pressurized pressurization)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/31 10:20
S5	454	S4 and optical\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/31 10:26
S6	319	blow adj (mould\$4 mold\$4) and deflect\$6 with (air gas)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/31 10:26
S7	28	("2982440" "3400853" "3409167" "3690507" "3693828" "3701455" "3905507" "3942673" "4120419" "4125632" "4147271" "4151927" "4177746" "4222494" "4255457" "4276987" "4381061" "4412627" "4431112" "4542029" "4735339" "4875597" "4880129" "4993567" "5005716").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/31 10:33
S8	7	("4134510" "4174782" "4249666" "4598831" "4818575" "4863046" "4877141").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/31 10:48
S9	86	HEPA and (blow adj mould\$4 blow adj mold\$4 thermoform\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/31 10:49
S10	4	("4064518" "4927480" "5512371" "6355124").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/31 11:24

EAST Search History

S11	11	("3632252" "3661484" "3661486" "4239727" "4836762" "5162124" "5217563" "5264172" "5283029" "5529479" "5641524").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/31 11:26
S12	23	("2973558" "2990581" "3218379" "3338997" "3342914" "3441983" "3749542" "3814784" "4382767" "4443401" "4500277" "4536148" "4595554" "4636349" "4668175" "4878826").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/31 11:27
S13	1	10/727818	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/31 13:22
S14	531	essilor	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/31 13:23
S15	50	("5316700" "5466147" "5759594").PN"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/31 13:28
S16	9	("6790388" "6884369" "6695607" "5502121" "5202393" "5202392").PN"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/31 13:29
S17	11	("3632252" "3661484" "3661486" "4239727" "4836762" "5162124" "5217563" "5264172" "5283029" "5529479" "5641524").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 08:26
S18	9	("3386503" "3484518" "3505441" "4162884" "4234373" "4397804").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 08:27
S19	6	("3121767" "3482281" "3966860" "4155697").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 08:28
S20	4	("3121767").URPN.	USPAT	OR	OFF	2006/11/14 08:29
S21	9	("4397804").URPN.	USPAT	OR	OFF	2006/11/14 08:29
S22	22	("2896264" "2911681" "2985915" "3091946" "3121767" "3184524" "3218379" "3220544" "3611669" "3814784" "3947539" "4016231").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 08:30
S23	14	("3218379").URPN.	USPAT	OR	OFF	2006/11/14 08:31
S24	16	("3172159" "3218379" "3441983" "3450807" "3568254" "3737494" "3814784" "4427476" "4443401").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 08:33

EAST Search History

S25	2	("3218379").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 08:33
S26	10	("2736065" "3218379" "3445892" "3453162" "3533135").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 08:35
S27	0	("4236885").URPN.	USPAT	OR	OFF	2006/11/14 08:35
S28	22	("2896264" "2911681" "2985915" "3091946" "3121767" "3184524" "3218379" "3220544" "3611669" "3814784" "3947539" "4016231").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 08:36
S29	6	("4165357").URPN.	USPAT	OR	OFF	2006/11/14 08:37
S30	14	("3496143" "4110395" "4127631" "4165357" "4469270" "4582665" "4663094" "4666394" "4778372" "4878826" "4927591" "4943406" "4960556").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 08:37
S31	5	("4150070" "4417320" "4563325" "4564495" "4803024").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 08:38
S32	9	("2249775" "3205290" "3651202" "3757718" "3929959" "4261948").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 08:38
S33	18	("2468697" "2854694" "2878513" "3184524" "3259942" "3324509" "3341644" "3496597" "3510913").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 08:38
S34	8	("3341644").URPN.	USPAT	OR	OFF	2006/11/14 08:39
S35	47	("3757718").URPN.	USPAT	OR	OFF	2006/11/14 08:41
S36	31	("1173793" "1699361" "2308953" "2743518" "2898788" "2909281" "2977918" "3080839" "3131758" "3245465" "3682122" "3757718" "4109501" "4150556" "4400965" "5237849" "5448832" "5600992" "5761949" "5797291" "6134783").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 08:41
S37	8	("6374490").URPN.	USPAT	OR	OFF	2006/11/14 08:43
S38	20	("3359599" "3496597" "3757718" "3849530" "4120932" "4281979" "4297306" "4333904" "4499045" "4511322" "4512735" "4545953" "4584158" "4595550" "4801419" "4867929" "4894198").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 08:44

EAST Search History

S39	6	("5067888").URPN.	USPAT	OR	OFF	2006/11/14 08:46
S40	11	("2688156" "3341895" "3342915" "3484518" "3757718" "4228121" "4284921").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 08:46
S41	16	("2354692" "2590221" "2874751" "3025566" "3121767" "3193881" "3291874" "3338020").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 08:53
S42	9	("3753830").URPN.	USPAT	OR	OFF	2006/11/14 08:53
S43	16	("3114934" "3159695" "3488411" "3488414" "3516122" "3753830" "3920371" "3923948" "3958394" "3962392" "4016231").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 09:00
S44	11	("3516122").URPN.	USPAT	OR	OFF	2006/11/14 09:02
S45	13	("3184524" "3487139" "3584109" "3726953" "3757718" "4047869" "4225553" "4354996" "4419320" "4420454").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 09:18
S46	27	("4563325").URPN.	USPAT	OR	OFF	2006/11/14 10:10
S47	33	"3025566"	USPAT	OR	OFF	2006/11/14 10:10
S48	59	"3025566"	USPAT; USOCR	OR	OFF	2006/11/14 10:10
S49	10	("2444420" "2886828" "3025566" "3553784" "3599959" "3632275").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 10:23
S50	8	("4352776").URPN.	USPAT	OR	OFF	2006/11/14 10:23
S51	6	("2367642" "2440499" "3971687" "4352776").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 10:26
S52	8	("4352776").URPN.	USPAT	OR	OFF	2006/11/14 10:26
S53	7	("4950445").URPN.	USPAT	OR	OFF	2006/11/14 10:28
S54	4071	thermoform\$4 and vacuum and (carbonate\$2 polycarbonate\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 10:29
S55	2511	thermoform\$4 and vacuum and (carbonate\$2 polycarbonate\$2) and (clear transparen\$4 translucen\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 10:55
S56	2744	thermoform\$4 and vacuum and (carbonate\$2 polycarbonate\$2) and (clear transparen\$4 optical translucen\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 10:38
S57	323	thermoform\$4 and vacuum and eject\$6 and (carbonate\$2 polycarbonate\$2) and (clear transparen\$4 optical translucen\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 10:30

EAST Search History

S58	14	("2702411" "3082482" "3092439" "3115677" "3277224" "3321562" "3381076").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 10:31
S59	6	("3619444").URPN.	USPAT	OR	OFF	2006/11/14 10:31
S60	233	S56 not S55	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 10:38
S61	12	("3400111" "3496143" "3499188" "3737494" "3739052" "3814784").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 10:48
S62	3	("2510845" "3856103").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 10:51
S63	9	("4508381").URPN.	USPAT	OR	OFF	2006/11/14 10:51
S64	1678	S55 and (mold molds)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 10:55
S65	14	("2020256" "2654687" "2932252" "3434904" "3491039" "3562059" "4477504" "4623413").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 10:56
S66	26	("4824506").URPN.	USPAT	OR	OFF	2006/11/14 10:57
S67	10	("3620872" "3645822" "4329196" "4330352" "4423106" "4824506" "4913760" "5286528" "5395659" "5538576").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 10:58
S68	8	("3482281" "3488413" "4191039" "4234536" "4508670" "Re28497").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 11:50
S69	146	(thermoform\$4 thermo adj formed thermo adj form thermo adj forming) and heat\$4 near3 enclosure	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 12:03
S70	48	(thermoform\$4 thermo adj formed thermo adj form thermo adj forming) and heat\$4 with platen\$2 with (space spaced spacing)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 12:04
S71	10	("2247337" "2694871" "2763897" "2769205" "3386878").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 12:14
S72	291	(425/Dig.60).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 13:24
S73	420	clamp\$4 near5 pressure\$2 and temperature\$2 and (thermoform\$4 thermo adj forming thermo adj formed thermo adj form)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 13:25

EAST Search History

S74	164	clamp\$4 near5 pressure\$2 and temperature\$2 and (thermoform\$4 thermo adj forming thermo adj formed thermo adj form) and (forming adj pressure\$2 pressure\$2 near4 formed pressure\$2 near4 forming)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 13:35
S75	322	(clamp\$4 hold\$4) near5 pressure\$2 and temperature\$2 and (thermoform\$4 thermo adj forming thermo adj formed thermo adj form) and (forming adj pressure\$2 pressure\$2 near4 formed pressure\$2 near4 forming)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 13:37
S76	10	(clamp\$4 hold\$4) near5 pressure\$2 same ("p.s.i." psi bar bars mpa) and temperature\$2 and (thermoform\$4 thermo adj forming thermo adj formed thermo adj form) and (forming adj pressure\$2 pressure\$2 near4 formed pressure\$2 near4 forming) same ("p.s.i." psi bar bars mpa)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 13:49
S77	8	(clamp\$4 hold\$4) near5 pressure\$2 same ("p.s.i." psi bar bars mpa) and temperature\$2 and (thermoform\$4 thermo adj forming thermo adj formed thermo adj form) and (forming adj pressure\$2 pressure\$2 near4 formed pressure\$2 near4 forming) same ("p.s.i." psi mpa)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 13:50
S78	8	(clamp\$4 hold\$4) near5 pressure\$2 same ("p.s.i." psi mpa) and temperature\$2 and (thermoform\$4 thermo adj forming thermo adj formed thermo adj form) and (forming adj pressure\$2 pressure\$2 near4 formed pressure\$2 near4 forming) same ("p.s.i." psi mpa)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 13:49
S79	10	(clamp\$4 hold\$4) with pressure\$2 same ("p.s.i." psi bar bars mpa) and (thermoform\$4 thermo adj forming thermo adj formed thermo adj form) and (forming adj pressure\$2 pressure\$2 near4 formed pressure\$2 near4 forming) same ("p.s.i." psi mpa)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 13:53

EAST Search History

S80	303567	(clamp\$4 hold\$4) with pressure\$2 (thermoform\$4 thermo adj forming thermo adj formed thermo adj form) and (forming adj pressure\$2 pressure\$2 near4 formed pressure\$2 near4 forming) and temperature\$2 with ("degrees.C" ".degrees.F")	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 13:54
S81	0	(clamp\$4 hold\$4) with pressure\$2 and (thermoform\$4 thermo adj forming thermo adj formed thermo adj form) and (forming adj pressure\$2 pressure\$2 near4 formed pressure\$2 near4 forming) and temperature\$2 with ("degrees.C" ".degrees.F")	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 13:54
S82	479	(clamp\$4 hold\$4) with pressure\$2 and (thermoform\$4 thermo adj forming thermo adj formed thermo adj form) and (forming adj pressure\$2 pressure\$2 near4 formed pressure\$2 near4 forming) and temperature\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 14:16
S83	411	(clamp\$4 hold\$4) with pressure\$2 and (thermoform\$4 thermo adj forming thermo adj formed thermo adj form) and (forming adj pressure\$2 pressure\$2 near4 formed pressure\$2 near4 forming) and temperature\$2 and thickness\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 13:55
S84	130	(clamp\$4 hold\$4) with pressure\$2 and (thermoform\$4 thermo adj forming thermo adj formed thermo adj form) and (forming adj pressure\$2 pressure\$2 near4 formed pressure\$2 near4 forming) and temperature\$2 and thickness\$4 and glass adj transition	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 14:01
S85	95	S84 and (polycarbonate\$2 PET polyethylene adj terephthalate\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 13:56
S86	35	S84 not S85	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 14:01

EAST Search History

S87	789	(clamp\$4 hold\$4) with pressure\$2 and (thermoform\$4 thermo adj forming thermo adj formed thermo adj form) and (forming adj pressure\$2 pressure\$2 near4 formed pressure\$2 near4 forming air near4 pressure\$2 gas near4 pressure\$2) and temperature\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 14:17
S88	317	S87 and (polycarbonate\$2 polyethylene adj terephthalate\$2 PET methacrylate\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 14:18
S89	237	S88 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 14:20
S90	976	heat\$4 near5 plenum adj chamber	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 14:20
S91	1	S90 and thermoform\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 15:27
S92	2	("5108530" "5217563").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/14 15:28
S93	7	("5108530" "5169569" "5217563" "5524419" "6010323" "6257866" "6562466").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 08:43
S94	99	thermoform\$4 same polystyrene with transparen\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 09:37
S95	2951	thermoform\$4 and vacuum and transparen\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 09:38
S96	690	thermoform\$4 and vacuum and transparen\$4 and clamp\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 09:53
S97	8	"3,403,834"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 09:41
S98	12	("3026232" "3551232" "3654012" "3827130" "4052241" "4194938" "4496628" "4548843" "4594292" "4601941").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 09:47
S99	30	("4828637").URPN.	USPAT	OR	OFF	2006/11/15 09:47
S100	503	thermoform\$4 and vacuum and transparen\$4 and clamp\$4 and (mold molds)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 09:53

EAST Search History

S10 1	85	("1531504" "2784456" "2823421" "2973558" "2990581" "3182355" "3244780" "3412188" "3439380" "3499188" "3532786" "3546746" "3606958" "3642415" "3662049" "3687594" "3739052" "3746497" "3757718" "3859028" "3995763" "4005967" "4025594" "4045530" "4108937" "4116606" "4177239" "4233022" "4239727" "4260567" "4264558" "4293520" "4298331" "4311660" "4315725" "4330579" "4358492" "4375442" "4379099" "4380526" "4381279" "4388356" "4405546" "4406854" "4420454" "4469270" "4476084" "4524045" "4563325" "4572811" "4582665" "4587075" "4589559" "4590021" "4697718" "4711624" "4810457" "4836971" "4878826" "4927680" "4933135" "4943406" "5067888" "5145632" "5178816" "5229042" "5248533" "5260005" "5261545" "5380481").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/15 09:55
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